WHAT IS CLAIMED IS:

1. A liquid crystal device, comprising:

an active matrix substrate having a plurality of scanning lines and a plurality of data lines provided such that they intersect each other, thin-film transistors provided in association with intersections of the data lines and the scanning lines, and pixel electrodes connected to the thin-film transistors;

an opposing substrate disposed such that it opposes the active matrix substrate; and

a liquid crystal layer sandwiched between the two substrates;

the thin-film transistors formed of P-type transistors having semiconductor layers, a plurality of gate electrodes intersecting the semiconductor layers at a plurality of locations, LDD portions in which P-type lightly doped regions are formed at least on one side of channel regions of the semiconductor layers, and

a light shielding device provided on both sides in a direction of thickness of the thin-film transistors.

2. The liquid crystal device according to Claim 1, the data lines disposed such that they planarly overlap the channel regions of the semiconductor layers so as to form the light shielding means.

3. The liquid crystal device according to Claim 1,

the data lines having data line mainline portions extending in a direction in which they intersect the scanning lines and data line branched portions branching from the data line mainline portions in a direction in which they intersect the data line mainline portions, and

the data line branched portions are disposed such that they planarly overlap the channel regions so as to form the light shielding device.

4. The liquid crystal device according to Claim 1,

a reflective layer formed on the active matrix substrate to perform reflective display, and

a part of the reflective layer formed such that it planarly overlaps the channel regions of the semiconductor layers so as to constitute the light shielding device.

5. The liquid crystal device according to Claim 1,

the scanning lines having scanning line mainline portions extending in a direction in which they intersect the data lines, and a plurality of scanning line branched

portions extended in a direction in which they intersect the scanning line mainline portions, and

the scanning line branched portions having the gate electrodes that planarly intersect the semiconductor layers.

6. The liquid crystal device according to Claim 1, the semiconductor layers formed of polysilicon or continuous grain silicon.

7. The liquid crystal device according to Claim 1, the light shielding device formed on the opposing substrate at a position corresponding to the channel regions.

8. An active matrix substrate, comprising:

a plurality of scanning lines and a plurality of data lines provided such that they intersect each other; and

thin-film transistors provided in association with intersections of the data lines and the scanning lines;

the thin-film transistors formed of P-type transistors having semiconductor layers, a plurality of gate electrodes intersecting the semiconductor layers at a plurality of locations, LDD portions in which P-type lightly doped regions are formed at least on one side of channel regions of the semiconductor layers, and

a light shielding device provided on both sides in a direction of thickness of the thin-film transistors.

9. The active matrix substrate according to Claim 8, the data lines disposed such that they planarly overlap the channel regions of the semiconductor layers so as to form the light shielding device.

10. The active matrix substrate according to Claim 8, the data lines having data line mainline portions extending in a direction in which they intersect the scanning lines, and data line branched portions branching from the data line mainline portions in a direction in which they intersect the data line mainline portions, and

the data line branched portions are disposed such that they planarly overlap the channel regions so as to form the light shielding device.

11. A display device, comprising:

the active matrix substrate according to Claim 8.

12. Electronic equipment, comprising:

the liquid crystal device according to Claim 1.